

What is claimed is:

1. A method for processing audio data, comprising:
presenting a plurality of virtual devices to a user, each of the plurality of virtual devices associated with at least one of a plurality of output channels on a sound card;
receiving a selection from the user, the selection being an association of at least one of a plurality of audio data streams with at least one of the plurality of virtual devices; and
outputting the at least one of a plurality of audio data streams from the sound card based on the user's selection.
2. The method of claim 1, wherein presenting includes displaying a list of the plurality of virtual devices on a graphical user interface.
3. The method of claim 2, wherein the graphical user interface associates each of the plurality of output channels with at least one of a plurality of jacks on the sound card.
4. The method of claim 2, wherein the graphical user interface associates each of the plurality of output channels with at least one of a plurality of audio devices external to the sound card.
5. The method of claim 2, wherein the graphical user interface associates each of the plurality of output channels with at least one of a plurality of geographical locations.
6. The method of claim 1, wherein receiving includes receiving inputs from the user via a graphical user interface.
7. The method of claim 1, wherein the each of the plurality of audio streams are associated with one of a plurality of audio applications.
8. The method of claim 1, wherein receiving includes reading an association of at least two audio data streams with a single virtual device.

9. The method of claim 1, wherein outputting includes converting each of the plurality of audio data streams from digital to analog format.
10. A system for processing audio data, comprising:
a sound card having a plurality of output channels; and
a graphical user interface configured to display a plurality of virtual devices to a user, each of the plurality of virtual devices representative of at least one of the plurality of output channels on the sound card, the graphical user interface further configured to receive a selection from the user, the selection being an association of each an audio data stream with at least one of the plurality of virtual devices, the sound card coupled to the graphical user interface to receive the user selection and the audio data streams, the sound card further configured to output the audio data stream based on the selection.
11. A processor-readable medium, the processor-readable medium having processor-executable code, the processor executable-code comprising:
code for presenting a plurality of virtual devices to a user, each of the plurality of virtual devices associated with at least one of a plurality of output channels on a sound card;
code for receiving a selection from the user, the selection being an association of at least one of a plurality of audio data streams with at least one of the plurality of virtual devices; and
code for outputting the at least one of a plurality of audio data streams from the sound card based on the user's selection.
12. A method for processing audio data, comprising:
reading a plurality of audio data streams and a user selection, the user selection being an association of each of the plurality of audio data streams with at least one of a plurality of virtual devices, each of the plurality of virtual devices representative of at least one of a plurality of output channels on a sound card;
multiplexing the plurality of audio data streams based on the user selection into a multiplexed audio data stream; and
parsing the multiplexed audio stream into a plurality of output data streams, each of the plurality of output data streams being associated with at least one of the plurality of output channels.

13. The method of claim 12, wherein parsing is based on a predetermined scheme.
14. The method of claim 12, further comprising mixing at least two of the plurality of audio data streams.
15. A processor-readable medium, the processor-readable medium having processor-executable code, the processor executable code comprising:
 - code for reading a plurality of audio data streams and a user selection, the user selection being an association of each of the plurality of audio data streams with at least one of a plurality of virtual devices, each of the plurality of virtual devices representative of at least one of a plurality of output channels on a sound card;
 - code for multiplexing the plurality of audio data streams based on the user selection into a multiplexed audio data stream; and
 - code for parsing the multiplexed audio stream into a plurality of output data streams, each of the plurality of output data streams being associated with at least one of the plurality of output channels.
16. The processor-readable medium of claim 15, further comprising code for mixing at least two of the plurality of audio data streams.
17. A system for processing audio data, comprising:
 - a memory having a plurality of audio data records and a user selection, the user selection being an association of each of the plurality of audio data records with at least one of a plurality of virtual devices, each of the plurality of virtual devices representative of at least one of a plurality of output channels on a sound card;
 - a first processor coupled to the memory and configured to read the plurality of audio data records and the user selection, the first processor further configured to multiplex the plurality of audio data records based on the user selection into a multiplexed audio data record; and
 - a second processor coupled to the memory and configured to parse the multiplexed audio record into a plurality of output data streams, each of the plurality of output data streams being associated with at least one of the plurality of output channels.

18. The systems of claim 17, wherein the first processor is further configured to mix at least two of the plurality of audio data records.

19. The system of claim 17, further comprising an audio codec coupled to the second processor, the audio codec configured to process the plurality of output data streams and output the processed plurality of data streams to at least one audio device.

20. The system of claim 19, wherein the audio codec performs digital-to-analog conversion on the plurality of output data streams.